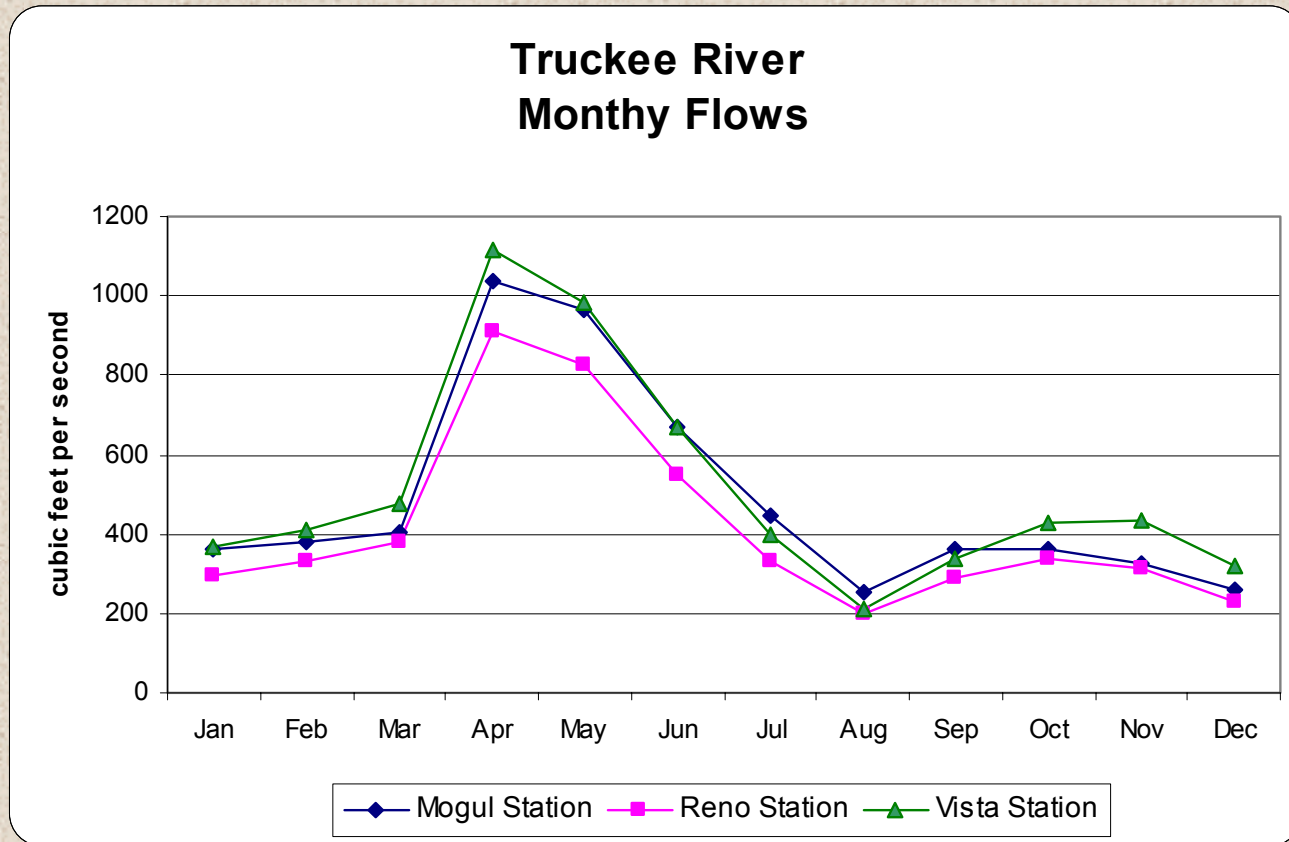


TRUCKEE RIVER

Population Sampling 2002



Truckee River experiences 3rd year of drought conditions





Zone 1: Pyramid to Wadsworth

Zone 2: Wadsworth to Derby Dam

Zone 3: Derby Dam to E McCarran Bridge

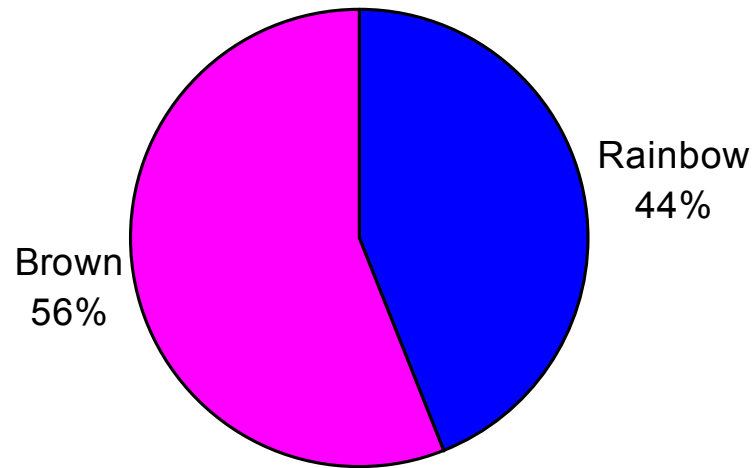
Zone 4: E McCarran to Mayberry Bridge

Zone 5: Mayberry Bridge to State Line



**Truckee River
Population Sampling - 2002
Trout Composition**

All Zones Combined



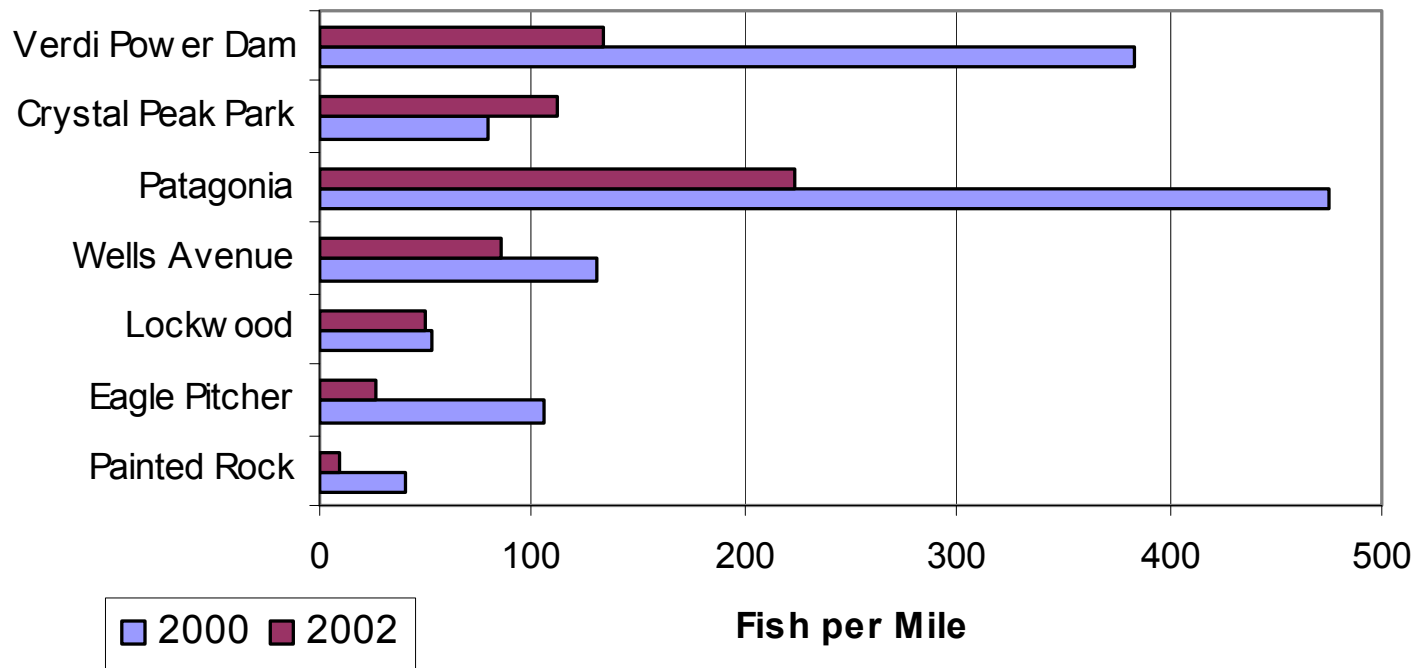
TRUCKEE RIVER					
Population Sampling - Tote Barge					
Species Distribution by Zone					
2002					
	Total Trout Caught	Rainbow		Brown	
		#	%	#	%
Zone 2	3	1	33.33%	2	66.67%
Zone 3	14	6	42.86%	8	57.14%
Zone 4	41	27	65.85%	14	34.15%
Zone 5	124	46	37.10%	78	62.90%
Total	182	80	43.96%	102	56.04%

Drought conditions have negative impact on Truckee River fishery

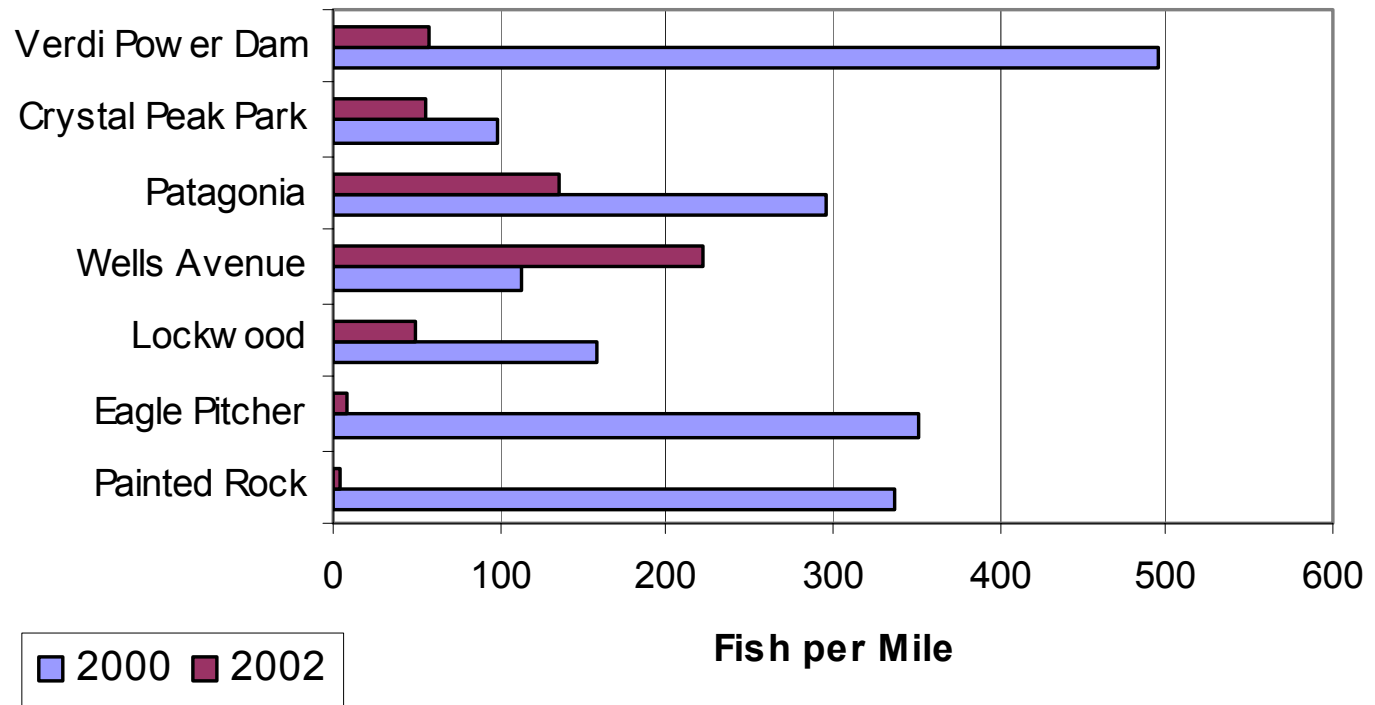
- Extremely low flows and high ambient temperatures in July/August resulted in water temps as high as 80°F below Derby Dam
- Trout densities below Reno were low, however, densities increase as we moved upstream
- YOY trout were not observed below Derby Dam

Truckee River Population Sampling

Brown Trout Density Comparison



Truckee River Population Sampling Rainbow Trout Density Comparison



Brown trout fishery is well established throughout the river

- Most abundant salmonid in all zones except zone 4
- Multiple age classes and YOY collected in all zones except zone 2 (below Derby Dam)
- Large spawners collected in every zone



Wild Rainbow Trout Fishery Flourishes

- 69% of rainbow trout collected were wild
- YOY trout were collected in zones 4 & 5
- Many wild rainbows exhibited signs of hybridization
- Fin clips were taken from all wild rainbow for future genetic analysis



What does the future hold for
LCT in the Truckee River?



NDOW and the Pyramid Lake Paiute Tribe agree to work toward restoration of LCT in the Truckee River

- MOA signed in October of 2002
- Objectives:
 - Reestablish a natural run of LCT up the Truckee River
 - Utilize LCT in the maintenance of a recreational fishery in the Truckee River

Strategies

- De-emphasize the use of stocked non-native salmonids where feasible;
- Utilize triploid rainbows in high use areas
- Stock mature fall and spring run LCT into the Truckee
- Utilize streamside incubators in the upper reaches with spring and fall spawn LCT eggs
- Ongoing monitoring to assess effectiveness of various management strategies

Long-Term Studies to be Developed by Technical Team

- Ongoing development of fall run LCT
- Telemetry studies
- Creel survey
- Intensive population monitoring
- Fry studies

